

P 9.2-08 10/524,141

IN THE SPECIFICATION

Please amend the following paragraphs at pages 1, 2, 3 and 4 of the specification to read as follows:

The paragraph bridging pages 1 and 2 should read as follows:

This invention is related to Type II and Type III schemes, where the received (re)transmissions are combined. These schemes can be seen as a link adaptation technique, since the redundancy can be adapted according to the channel conditions as for example described in 3GPP TSG RAN, "Physical Layer Aspects of High Speed Downlink Packet Access TR25.848 ~~V5.0.0~~ V4.0.0" and in Amitava Ghosh, Louay Jalloul, Mark Cudak, Brian Classon, "Performance of Coded Higher Order Modulation and Hybrid ARQ for Next Generation Cellular CDMA Systems", Proceedings of VTC 2000.

P 9.2-08 Page 3, ^{FOURTH} ~~third~~ full paragraph should read as follows:

High Speed Downlink Packet Access (HSDPA) is a new technique that is standardized (see for example, 3GPP TSG RAN "Physical Layer Aspects of High Speed Downlink Packet Access TR25.848" ~~V5.0.0~~ V4.0.0 or TSG RAN TR 25.308:

"High Speed Downlink Packet Access (HSDPA): Overall Description Stage 2", (V5.2.0). It shall provide higher data rates in the downlink by introducing enhancements at the Uu interface

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IN THE SPECIFICATION

Please amend the specification as follows:

At page 1, line 2, insert the following heading:

FIELD OF THE INVENTION

At page 1, line 6, insert the following heading:

BACKGROUND OF THE INVENTION

9.2.08 Delete the following description at page 2, line 24 through
page 3, line 47:

~~FIG. 1 shows a high level diagram of the UMTS architecture,~~

~~FIG. 2 illustrates the current architecture of UTRAN,~~

~~FIG. 3 shows a user plan radio interface architecture of
HSDPA,~~

~~FIG. 4 shows exemplarily the timing relations of an HARQ
process,~~

~~FIG. 5 shows the high level architecture of an HSDPA base
station,~~

~~FIG. 6 illustrates a high level architecture of an HSDPA
mobile station,~~

~~FIGS. 7-9 illustrate several examples of predictive scheduling
HARQ processes.~~